

CLAIMS

1. A blister strip (20) for use in a fluid or powder inhaler, and including a plurality of blisters, each formed by a reservoir (21) including an opening (25) that
5 is sealed in leaktight manner by a tearable layer (7, 5), the blister strip (20) being characterized in that it comprises at least a base layer (6) that is provided with openings (25) forming the openings of the blisters, and a cavity layer (8) that is provided with cavities forming
10 the blister walls (21), said tearable layer (7, 5) comprising a first tearable-layer portion (7) that is disposed between said base layer (6) and said cavity layer (8), and a second tearable-layer portion (5) that is disposed on the opposite side of said base layer (6),
15 said first and second tearable-layer portions (7, 5) being connected together at each opening (25) of the base portion (6).
2. A blister strip according to claim 1, in which said
20 first and second tearable-layer portions (7, 5) are made from the same material.
3. A blister strip according to claim 1 or claim 2, in which said first and second tearable-layer portions (7,
25 5) are connected together as a single part in each opening (25) of the base layer (6).
4. A blister strip according to claim 3, in which said single-part connection is made by fusing material.
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5. A blister strip according to any preceding claim, in which said tearable layer (7, 5) comprises polyethylene.
6. A blister strip according to any preceding claim, in
35 which each of said first and second tearable-layer portions (7, 5) are constituted by a continuous film of polyethylene.

7. A blister strip according to any preceding claim, in which each of said first and second tearable-layer portions comprises a film having thickness that is less than 100 μm , advantageously lying in the range 10 μm to 40 μm , and preferably equal to 30 μm .

8. A blister strip according to any preceding claim, in which said base layer (6) comprises polyester.

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9. A blister strip according to any preceding claim, in which said base layer (6) comprises a film having thickness that is less than 100 μm , advantageously lying in the range 40 μm to 60 μm , and preferably equal to 50 μm .

10. A blister strip according to any preceding claim, in which said cavity layer (8) comprises polyethylene and/or polypropylene.

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11. A blister strip according to any preceding claim, in which said tearable layer (7, 5) further includes a first aluminum layer (2) that is fastened to said second tearable-layer portion (5).

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12. A blister strip according to claim 11, in which said first aluminum layer (2) has thickness that is less than 50 μm , advantageously lying in the range 10 μm to 30 μm , and preferably equal to 20 μm .

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13. A blister strip according to claim 11 or claim 12, in which a polyester layer (4) and an adhesive layer (3) are disposed between said second tearable-layer portion (5) and said first aluminum layer (2).

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14. A blister strip according to any preceding claim, in which said tearable layer (7, 5) includes a first outer layer (1), preferably formed by a printers' varnish.

5 15. A blister strip according to any preceding claim, in which said cavity layer (8) further includes a second aluminum layer (11).

10 16. A blister strip according to claim 15, in which a polyester layer (9) and an adhesive layer (10) are disposed between said cavity layer (8) and said second aluminum layer (11).

15 17. A blister strip according to any preceding claim, in which said cavity layer (8) includes a second outer layer (13), preferably formed by a protective layer or by a layer of varnish, preferably interposed with an adhesive layer (12).

20 18. A blister strip according to any preceding claim, in which the adherence of the tearable layer (7, 5) to the base layer (6) between the openings (25) is different from the adherence in the proximity of said openings (25).

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19. A blister strip according to any preceding claim, in which the blisters (21) contain a pharmaceutical powder.

30 20. A dry-powder inhaler, characterized in that it includes a blister strip (20) according to any preceding claim.